

"PALO DURO GOLD" Painting by ROY LEE WARD





# AUGUST 1986

SUNDAY

MONDAY

TUESDAY

WEDNESDAY

THURSDAY

FRIDAY

SATURDAY

NEW MOON 5

FIRST QUARTER 13

FULL MOON 19

LAST QUARTER 27

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24/31

25

26

27

28

29

30







...ctor John JohaneK, Associate Art Directors Alan Andresen, Ann Bennett...mples, works with our...ake sure every page of...itement, clarity and...n't ready for anything...ation WMCA called in a...couldn't do the show for...d we could do just about...p out? A few days later...nology/Aerospace Editor...k show that covered the...nd the home to a call-us...r **Special Report** this



Eskow and Truini on the air.

...we're giving away as prizes in...age 98. . . . There's something...flying wing. The very thought...l, no tail, no nothing, just that...gn that works, *really* works.

#### Electronics/Photography

Stephen A. Booth, editor  
James B. Meigs, Frank Vizard,  
contributing editors

#### Boating/Outdoors

Timothy H. Cole, editor

#### West Coast

Steve Parker, editor

#### Editorial Production

Peter Francesconi, manager  
John Bostonian Jr., art  
Nancy Coggins, Deborah Frank, assistants

#### Art

John JohaneK, art director  
Alan Andresen, Ann Bennett,  
Diane DePasque, associate art directors

#### Editorial Administration

Josephine Caronia, administrative assistant  
Barbara A. Novak, executive assistant

#### Editorial Offices

224 West 57th St., New York, NY 10019  
We cannot be responsible for loss of  
unsolicited queries, manuscripts, or  
photos. For return, they must be accom-  
panied by adequate postage.

**SUBSCRIPTION SERVICE:** Popular Mechanics Magazine will, upon receipt from its reader of a complete new or renewal subscription order, undertake fulfillment of that order so as to provide the first-copy delivery either to the Postal Service or alternate carriers within six to twelve weeks. If for some reason this cannot be done, you will be promptly notified of the issue date that will begin your subscription, with a request for any further instructions you may have concerning your order. Please address all such orders to us at Popular Mechanics, P.O. Box 10064, Des Moines, IA 50350. • Should you have any

...ing editors  
yourself. Read about our test  
flight of this revolutionary homebuilt  
in the exciting story on page 53.

—PM photo by  
Jim Campbell



72 Pipe dreams



60 Sports sedan test

## DEPARTMENTS

- |                  |                |
|------------------|----------------|
| 6 Editor's Notes | 30 Aviation    |
| 9 Letters        | 32 Motorsports |
| 12 Imports       | 34 Science     |
| 14 Workshop      | 37 Car Clinic  |

...photographer behind every viewfinder.

#### 111 Clean Machines

Use the right accessories to keep your gear in shape.

### AUTOMOBILES

#### 60 This Sportin' Life

We test eight new family 4-door sports sedans.

#### 131 Saturday Mechanic

Car won't start? Here's what to do.

### AVIATION

#### 53 Wing Ding

This flying wing you build and fly yourself.

### HOME AND SHOP

#### 65 Nails

Here's how to choose and use nails for your projects.

#### 72 Pipe Dreams

With the right tools and some imagination, you can custom-carve your own smoking pipes.

#### 74 Book Keeper

Build a traditional solid oak barrister's bookcase.

#### 116 Up In Smoke

Today's woodstoves are more efficient and burn cleaner.

#### 123 The Better Home

Use our guide to install solid wood paneling.

### OUTDOORS

#### 68 On Target

These new air pistols are extremely accurate.

### TECHNOLOGY





